EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|---|---------------------|---------|------------------|
| L5 | 74607 | ((circuit near3 board\$1) or substrate\$1 or plan\$3 or plate\$1) and (terminal\$1 or pad\$1) and (array\$1 or row\$1 or column\$1) and ground\$4 and (power or voltage\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:21 |
| L6 | 12461 | 5 and (((circuit near3 board\$1) or substrate\$1 or plan\$3 or plate\$1) same (terminal\$1 or pad\$1) same (array\$1 or row\$1 or column\$1)) and ground\$4 and (power or voltage\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:22 |
| L7 | 10285 | 6 and ((circuit near3 board\$1) or substrate\$1 or plan\$3 or plate\$1) and ((terminal\$1 or pad\$1) same (ground\$4 or (power or voltage\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:23 |
| L8 | 6190 | 7 and ((circuit near3 board\$1) or substrate\$1 or plan\$3 or plate\$1) and ((terminal\$1 or pad\$1) same (ground\$4 same (power or voltage\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:24 |
| L9 | 2097 | 8 and ((circuit near3 board\$1) or substrate\$1 or plan\$3 or plate\$1) and ((terminal\$1 or pad\$1) same (ground\$4 same (power or voltage\$1))) and ((short\$4 near3 circuit\$4) or leak\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:25 |
| L10 | 1778 | 9 and ((circuit near3 board\$1) or substrate\$1 or plan\$3 or plate\$1) and ((terminal\$1 or pad\$1) near4 (ground\$4 or (power or voltage\$1))) and ((short\$4 near3 circuit\$4) or leak\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:25 |
| L11 | 98 | 10 and ((circuit near3 board\$1) or substrate\$1 or plan\$3 or plate\$1) and ((terminal\$1 or pad\$1) near4 (ground\$4 or (power or voltage\$1))) and ((short\$4 near3 circuit\$4) or leak\$4) and ((ink\$1 or liquid\$1 or fluid\$1) with (cartridge\$4 or casing or housing or tank\$1 or reservoir\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:27 |
| L12 | 26 | 11 and "347"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:37 |

EAST Search History

| L13 | 3 | ("20010019343" "6000773" "6161915").PN. OR ("6648445"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/06 11:34 |
|-----|------|--|---|----|-----|------------------|
| L14 | 72 | 11 not 12 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/06 11:37 |
| L15 | 3 | 14 and "174"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/06 11:34 |
| L16 | 1674 | 10 not 11 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/06 11:37 |
| L17 | 13 | 16 and "347"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:38 |
| L18 | 606 | 16 and (contact\$4 near3 (terminal\$1 or pad\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:38 |
| L19 | 194 | 18 and ((arrang\$4 or locat\$4 or position\$4) with (contact\$4 near3 (terminal\$1 or pad\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:39 |
| L20 | 36 | 19 and (((arrang\$4 or locat\$4 or position\$4) with (contact\$4 near3 (terminal\$1 or pad\$1))) same (leak\$4 or short\$6)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:44 |
| L21 | 158 | 19 not 20 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/06 11:44 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|----------------------|----------|---------------------|---------|------------------|
| L3 | 1155 | 347/9,10,19,50.ccls. | US-PGPUB | OR | OFF | 2006/06/06 15:06 |